

09/914220

JC05 Rec'd 22 AUG 2007

SEQUENCE LISTING

<110> Schulz Dr., Burkhard

<120> DNA sequence of a protein that is similar to FKBP

<130> SCU-001 PCT

<140> xx

<141> 2000-02-18

<150> DE 199 07 598.0

<151> 1999-02-22

<160> 8

<170> PatentIn Ver. 2.1

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Glu Lys Val Ser Lys Gln Ile Ile Lys Glu Gly His Gly Ser Lys Pro  
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Ser Gln His Lys Phe Glu Asp Thr Trp His Glu Gln Gln Pro Ile Glu  
85 90 95

Leu Val Leu Gly Lys Glu Lys Glu Leu Ala Gly Leu Ala Ile Gly  
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Pro Met Ala Asp Leu Leu Tyr Glu Val Glu Val Ile Gly Phe Asp Glu  
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Glu Lys Leu Glu Glu Ala Met Gln Gln Tyr Glu Met Ala Ile Ala Tyr  
195 200 205

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Ile Lys Leu Lys Arg Tyr Asp Glu Ala Ile Gly His Cys Asn Ile Val  
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Ala Lys Ala Glu Leu Gly Gln Met Asp Ser Ala Arg Asp Asp Phe Arg  
275 280 285

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Arg Ala Leu Ala Glu Gln Glu Lys Ala Leu Tyr Gln Lys Gln Lys Glu  
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Met Tyr Lys Gly Ile Phe Lys Gly Lys Asp Glu Gly Gly Ala Lys Ser  
325 330 335

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35 40 45

Val Glu Val Leu His Glu Lys Val Thr Lys Gln Ile Val Lys Glu Gly  
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His Gly Gln Lys Pro Ser Lys Tyr Ala Thr Cys Phe Val His Tyr Arg  
65 70 75 80

Ala Trp Ala Glu Ser Thr Gln His Lys Phe Glu Asp Thr Trp Arg Glu  
85 90 95

Gln Gln Pro Leu Glu Leu Val Ile Gly Lys Glu Arg Lys Glu Met Thr  
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Gly Leu Ala Ile Gly Val Asn Ser Met Lys Ser Gly Glu Arg Ala Leu  
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Phe His Val Gly Trp Glu Leu Ala Tyr Gly Lys Glu Gly Asn Phe Ser  
130 135 140

Phe Pro Asn Val Pro Pro Thr Ala Asp Val Leu Tyr Glu Val Glu Leu  
145 150 155 160

Ile Gly Phe Asp Glu Thr Gly Glu Gly Lys Ala Arg Gly Asp Met Thr  
165 170 175

Val Glu Glu Arg Ile Gly Thr Ala Asp Arg Arg Lys Met Asp Gly Asn  
180 185 190

Ala Leu Phe Lys Glu Glu Lys Leu Glu Ala Met Gln Gln Tyr Glu  
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Met Ala Ile Ala Tyr Met Gly Asp Asp Phe Met Phe Gln Leu Phe Gly  
210 215 220

Lys Phe Arg Asp Met Ala Leu Ala Val Lys Asn Pro Cys His Leu Asn  
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Met Ala Ala Cys Leu Leu Lys Leu Gln Arg Tyr Asp Glu Ala Ile Ala  
245 250 255

Gln Cys Ser Ile Val Leu Ala Glu Glu Glu Asn Asn Val Lys Ala Leu  
260 265 270

Phe Arg Arg Gly Lys Ala Arg Ser Ile Leu Gly Gln Thr Asp Ala Ala  
275 280 285

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<212> DNA

<213> Zea mays

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35 40 45

Lys Arg Phe Asp Glu Ala Ile Ala Gln Cys Ser Ile Val Leu Thr Glu  
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Asp Glu Ser Asn Val Lys Ala Leu Phe Arg Arg Gly Lys Ala Lys Ser  
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Glu Leu Gly Gln Thr Glu Ser Ala Arg Glu Asp Phe Leu Lys Ala Lys  
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Lys Tyr Ser Pro Glu Xaa Lys Glu Ile Ile Arg Glu Leu Arg Leu Leu  
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Ala Glu Gln Xaa Lys Ala Leu Tyr Gln Lys Glu Leu Tyr Lys  
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Gly Leu Phe Gly Pro Ser Pro Glu Ala Lys Pro Lys Lys Ala Lys Tyr  
130 135 140

Leu Val Val Phe Trp Gln Trp Leu Val Ser Phe Ile Leu Tyr Leu Ala  
145 150 155 160

Gly Met Phe Lys Arg Lys Asn Glu  
165